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and salts thereof where:

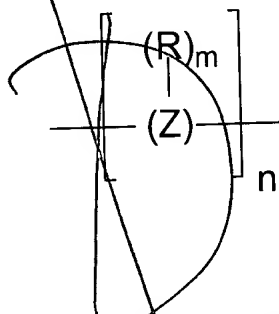
n is an integer ranging from 2 to about 2,000;

m is either 0 or 1, provided that m is 1 at least once in the compound and m is zero at least once in the compound when Z is an amino acid;

R is R_A or R_B , where R_A is C_{1-23} alkyl or alkenyl and R_B is a steroid selected from the group consisting of stigmasterol, ergosterol and cholic acid; and

Z is selected from the group consisting of an amino acid and a monosaccharide linked through Z-Z peptide bonds when Z is an amino acid and linked by Z-Z glycosidic bonds when Z is a monosaccharide and wherein when R is an alkyl group Z cannot be an acidic amino acid.

66. A compound with the repeating structure:



and salts thereof where:

n is an integer ranging from 2 to about 2,000;

m is either 0 or 1, provided that m is 1 at least once in the compound and m is zero at least once in the compound when Z is an amino acid;

R is R_A or R_B , where R_A is an alkyl or alkenyl group having 12 to 22 carbon atoms and R_B is a steroid selected from the group consisting of stigmasterol, ergosterol and cholic acid; and

Z is selected from the group consisting of an amino acid and a monosaccharide linked through Z-Z peptide bonds when Z is an amino acid and linked by Z-Z glycosidic bonds when Z is a monosaccharide. --

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Please amend claim 12, line 1, to rewrite "claim 11" as --claim 65--.

Please amend claim 15, line 1, to rewrite "claim 11" as --claim 65--.

Please amend claim 20, line 3, to rewrite "claim 11" as --claim 65--.

Please amend claim 21, line 2, to rewrite "claim 11" as --claim 65--.

Please amend claim 22, lines 3-4, to rewrite "claim 11" as --claim 65--.

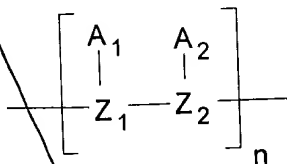
Please amend claim 31, line 2, to rewrite "claim 11" as --claim 65--.

Please amend claim 32, line 2, to rewrite "claim 11" as --claim 65--.

Please amend claim 34, line 2, to rewrite "claim 11" as --claim 65--.

Please amend claim 36 as follows:

36(amended). A lipophilic polyamino acid [having] of the formula:



and salts thereof,

where:

Z_1 and Z_2 , independently of one another, are both amino acids selected from the group consisting [or] of ornithine, lysine, arginine and histidine;

n is an integer ranging from 1 to about 2,000;

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A₁ and A₂, independently of one another, are selected from the group consisting of the groups X₁ - X₆ as follows:

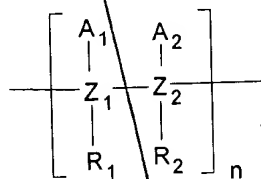
- B2
- X₁ is a straight-chain alkyl, alkenyl, or alkynyl group having from 2 to about 22 carbon atoms wherein one or more non-neighboring -CH₂- groups can be replaced with an O or S atom;
- X₂ is a branched alkyl, alkenyl, or alkynyl group having from 2 to about 22 carbon atoms wherein one or more non-neighboring -CH₂- groups can be replaced with an O or S atom;
- X₃ is a straight-chain or branched alkyl group substituted with one or two OH, SH, NH₂ or amine groups within about 3 carbon atoms of the bond between X₃ and Z;
- X₄ is a substituted straight-chain or branched alkyl, alkenyl or alkynyl group having from 2 to about 22 carbon atoms wherein the substituent is an aromatic, alicyclic, heterocyclic or polycyclic ring and wherein one or more of the non-neighboring -CH₂- groups of said alkyl, alkenyl or alkynyl group can be substituted with an O or S atom[;];
- X₅ is a -B-L group wherein B is selected from the group -CO-, -CO₂-, -OCO-, -CO-N-, -O-CO-N-, -O-CH₂-, -CH₂-O-, -S-CH₂-, -CH₂-S- or -CH₂- and L is selected from the group consisting of
- X₁, X₂, X₄, or an aromatic, alicyclic, heterocyclic or polycyclic ring moiety; and

X_6 is a $-\text{CH}(\text{D}-\text{L})_2$ or a $-\text{C}(\text{D}-\text{L})_3$ group wherein D is selected from the group consisting of $-\text{CO}-$, $-\text{CO}_2-$, $-\text{OCO}-$, $-\text{CO}-\text{N}-$, $-\text{O}-\text{CO}-\text{N}-$, $-\text{O}-$, or $-\text{S}-$ and L is selected from the group consisting of:

X_1 , X_2 , X_4 , or an aromatic, alicyclic, heterocyclic or polycyclic ring moiety].

Please amend claim 51 as follows:

51(amended). A lipophilic polycationic polysaccharide[s] of formula:



and salts thereof,

where:

Z_1 and Z_2 , independently of one another, are monosaccharides;

n is an integer ranging in value from 1 to about 600;

R_1 and R_2 , independently of one another, are tertiary amines; and

A_1 and A_2 , independently of one another, are selected from the group consisting of groups $X_1 - X_{[6]_4}$ as follows:

X_1 is a straight-chain alkyl, alkenyl, or alkynyl group having from 2 to about 22 carbon atoms wherein one or more non-neighboring $-\text{CH}_2-$ groups can be replaced with an O or S atom;

X₂ is a branched alkyl, alkenyl, or alkynyl group having from 2 to about 22 carbon atoms wherein one or more non-neighboring -CH₂- groups can be replaced with an O or S atom;

X₃ is a straight-chain or branched alkyl group substituted with one or two OH, SH, NH₂ or amine groups within about 3 carbon atoms of the bond between X₃ and Z;

X₄ is a substituted straight-chain or branched alkyl, alkenyl or alkynyl group having from 2 to about 22 carbon atoms wherein the substituent is an aromatic, alicyclic, heterocyclic or polycyclic ring and wherein one or more of the non-neighboring -CH₂- groups of said alkyl, alkenyl or alkynyl group can be substituted with an O or S atom[;

X₅ is a -B-L group wherein B is selected from the group -CO-, -CO₂-, -OCO-, -CO-N-, -O-CO-N-, -O-CH₂-, -CH₂-O-, -S-CH₂-, -CH₂-S- or -CH₂- and L is selected from the group consisting of

X₁, X₂, X₄, or an aromatic, alicyclic, heterocyclic or polycyclic ring moiety; and

X₆ is a -CH(D-L)₂ or a -C(D-L)₃ group wherein D is selected from the group consisting of -CO-, -CO₂-, -OCO-, -CO-N-, -O-CO-N-, -O-, or -S- and L is selected from the group consisting of:

X₁, X₂, X₄, or an aromatic, alicyclic, heterocyclic or polycyclic ring moiety].

Please cancel claims 45 and 59 without prejudice.